

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for connecting to the Internet using a mobile terminal, the method comprising:

receiving an internet connection request signal from the mobile terminal;
determining whether the received internet connection request signal is a
number domain connection request signal, wherein the number
domain connection request signal comprises an identifier for
identifying the number domain connection request signal, a number
domain inputted by a user, and a user index for identifying the user;
determining whether the number domain of the number domain
connection request signal exists in a pre-stored number structure,
wherein the number domain comprises a contents classification
number, a first domain number, and a second domain number;
converting the number domain into a letter domain if the number domain
exists in the pre-stored number structure; and
transmitting website information corresponding to the converted letter
domain to the mobile terminal,
wherein:

the first domain number is a number indicating a highest
level domain; and the second domain number is a
number indicating a site name;

the contents classification number, the first domain number,
and the second domain number are arranged in the
number domain according to a predetermined
sequence;

the contents classification number is a pre-set shortcut
number according to a ~~classification~~ type of the
contents of a website, and the first domain number is
a pre-set shortcut number associated with each of the
highest level domains; and

the first domain number, the second domain number, and
the contents classification number can be determined
arbitrarily by the user, respectively.

2.-8. (Canceled)

9. (Currently Amended) A method for connecting to the Internet using a mobile
telephone, the method comprising:

receiving an internet connection request signal from the mobile telephone;
determining whether the received internet connection request signal is a
number domain connection request signal or a letter domain
connection request signal, wherein the number domain connection
request signal comprises an identifier for identifying the number

domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;

analyzing a number structure of the number domain of the number domain connection request signal if the number domain connection request signal is received, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

determining whether the analyzed number structure exists in a pre-stored number structure;

converting the number domain into a letter domain if the analyzed number structure exists in the pre-stored number structure; and

transmitting information of a site corresponding to the converted letter domain through a network,

wherein:

the first domain number is a number indicating a highest level domain and the second domain number is a number indicating a site name;

the contents classification number, the first domain number, and the second domain number are arranged in the number domain according to a predetermined sequence;

the contents classification number is a pre-set shortcut number according to a classification type of the

contents of a website, and the first domain number is
a pre-set shortcut number associated with each of the
highest level domains;

and

the first domain number, the second domain number, and
the contents classification number can be determined
arbitrarily by the user, respectively.

10. (Previously Presented) The method of claim 9, further comprising:
receiving the number domain corresponding to the letter domain of the site
from an operator of the site;
determining whether the number domain exists in the pre-stored number
domain; and
registering the received number domain as a number domain of the site if
the number domain does not exist in the pre-stored number domain.
11. (Previously Presented) The method of claim 9 further comprising registering at
least one of the number domain and the letter domain corresponding to the site.
12. (Canceled)
13. (Currently Amended) An internet connection system using a mobile telephone,
the system comprising:

a memory containing program instructions; and

a processor coupled to the memory and executing the program

instructions to perform a method comprising:

~~means for~~ receiving an internet connection request signal from the
mobile telephone;

~~means for~~ determining whether the received internet connection
request signal is a number domain connection request signal,
wherein the number domain connection request signal
comprises an identifier for identifying the number domain
connection request signal, a number domain inputted by a
user, and a user index for identifying the user;

~~means for~~ determining whether the number domain of the number
domain connection request signal exists in a pre-stored
number structure, wherein the number domain comprises a
contents classification number, a first domain number and a
second domain number;

~~means for~~ converting the number domain into a letter domain if the
number domain exists in the pre-stored number structure;
and

~~means for~~ transmitting information of a site corresponding to the
converted letter domain through a network,

wherein:

the first domain number is a number indicating a highest level domain and the second domain number is a number indicating a site name;

the contents classification number, the first domain number, and the second domain number are arranged in the number domain according to a predetermined sequence;

the contents classification number is a pre-set shortcut number according to a ~~classification~~ type of the contents of a website, and the first domain number is a pre-set shortcut number associated with each of the highest level domains; and

the first domain number, the second domain number, and the contents classification number can be determined arbitrarily by the user, respectively.

14. (Currently Amended) The system of claim 13, wherein the method further ~~comprising~~ comprises:

~~means for~~ receiving the number domain corresponding to the letter domain from an operator of the site;

~~means for~~ determining whether the number domain exists in the pre-stored number domain; and

~~means for~~ registering the received number domain as a number domain of the site if the number domain does not exist in the pre-stored number domain.

15. (Currently Amended) An internet connection system using a mobile telephone, the system comprising:

a memory containing program instructions; and

a processor coupled to the memory and executing the program

instructions to perform a method comprising:

~~means for~~ receiving an internet connection request signal from the mobile telephone;

~~means for~~ determining whether the received internet connection request signal is a number domain connection request signal or a letter domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;

~~means for~~ analyzing a number structure of the number domain of the number domain connection request signal if the number domain connection request signal is received, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

~~means for~~ determining whether the analyzed number structure

exists in a pre-stored number structure;

~~means for~~ converting the number domain into a letter domain if the

analyzed number structure exists in the pre-stored number

structure; and

~~means for~~ transmitting information of a site corresponding to the

converted letter domain through a network,

wherein:

the first domain number is a number indicating a highest

level domain and the second domain number is a

number indicating a site name;

the contents classification number, the first domain number,

and the second domain number are arranged in the

number domain according to a predetermined

sequence;

the contents classification number is a pre-set shortcut

number according to a classification type of the

contents of a website, and the first domain number is

a pre-set shortcut number associated with each of the

highest level domains; and

the first domain number, the second domain number, and

the contents classification number can be determined

arbitrarily by the user, respectively.

16. (Currently Amended) A system for connecting to the Internet wirelessly using a number-based domain, the system comprising:
- a memory ~~in which a~~ containing program instructions ~~is stored~~; and
 - a processor ~~executing the program~~ coupled to the memory and executing
the program instructions, ~~wherein the program performs to~~
perform a method comprising:
 - receiving an internet connection request signal from a mobile terminal;
 - determining whether the received internet connection request signal is a number domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;
 - determining whether the number domain of the number domain connection request signal exists in a pre-stored number structure, wherein the number domain comprises a contents classification number, a first domain number, and a second domain number;

converting the number domain into a letter domain if the
number domain exists in the pre-stored number
structure; and
transmitting information of a website corresponding to the
converted letter domain to the mobile terminal through
a network by the program,
wherein:

the first domain number is a number indicating
a highest level domain and the second
domain number is a number indicating a
site name;

the contents classification number, the first
domain number, and the second domain
number are arranged in the number
domain according to a predetermined
sequence;

the contents classification number is a pre-set
shortcut number according to a
classification type of the contents of a
website, and the first domain number is
a pre-set shortcut number associated
with each of the highest level domains;
and

the first domain number, the second domain
number, and the contents classification
number can be determined arbitrarily by
the user, respectively.

17. (Currently Amended) A system for connecting to the Internet wirelessly using a number-based domain, the system comprising:
- a memory ~~in which a~~ containing program instructions ~~is stored~~; and
 - a processor ~~executing the program~~ coupled to the memory and executing
the program instructions, ~~wherein the program performs to~~
perform a method comprising:
 - receiving an internet connection request signal from a mobile telephone;
 - determining whether the received internet connection request signal is a number domain connection request signal or a letter domain connection request signal, wherein the number domain connection request signal comprises an identifier for identifying the number domain connection request signal, a number domain inputted by a user, and a user index for identifying the user;
 - analyzing a number structure of the number domain of the number domain connection request signal if the

number domain connection request signal is received,
wherein the number domain comprises a contents
classification number, a first domain number, and a
second domain number;
determining whether the analyzed number structure exists in
a pre-stored number structure;
converting the number domain into a letter domain if the
analyzed number structure exists in the pre-stored
number structure; and
transmitting information of a site corresponding to the
converted letter domain through a network by the
program,
wherein:

the first domain number is a number indicating
a highest level domain and the second
domain number is a number indicating a
site name;

the contents classification number, the first
domain number, and the second domain
number are arranged in the number
domain according to a predetermined
sequence;

the contents classification number is a pre-set
shortcut number according to a
~~classification type~~ type of the contents of a
website, and the first domain number is
a pre-set shortcut number associated
with each of the highest level domains;
and

the first domain number, the second domain
number, and the contents classification
number can be determined arbitrarily by
the user, respectively.